

CRF Errors Corrected by the STIC Systems Branch

C17K

Serial Number: 09761466

CRF Processing Date: 7/10/2001
Edited by: *[Signature]*
Verified by: *[Signature]*

(STIC staff)

 Changed a file from non-ASCII to ASCII**ENTERED** Changed the margins in cases where the sequence text was "wrapped" down to the next line. Edited a format error in the Current Application Data section, specifically: Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____ Added the mandatory heading and subheadings for "Current Application Data". Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer. Changed the spelling of a mandatory field (the headings or subheadings), specifically: Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place. Inserted colons after headings/subheadings. Headings edited included: _____ Deleted extra, invalid, headings used by an applicant, specifically: Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file; page numbers throughout text; other invalid text, such as _____ Inserted mandatory headings, specifically: _____ Corrected an obvious error in the response, specifically: Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____ Other:*Seqn1,3,6 - moved nucleic acid end table up one line*

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

M195

BEST AVAILABLE COPY

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/761,466

DATE: 07/10/2001

TIME: 17:36:08

Input Set : A:\Pto.amc

Output Set: N:\CRF3\07102001\I761466.raw

4 <110> APPLICANT: Lee, Ike W.
 5 Izumo, Seigo
 7 <120> TITLE OF INVENTION: Cardiac-Cell Specific Enhancer Elements
 8 and Uses Thereof
 10 <130> FILE REFERENCE: 01948/069002
 12 <140> CURRENT APPLICATION NUMBER: US 09/761,466
 13 <141> CURRENT FILING DATE: 2001-01-16
 15 <150> PRIOR APPLICATION NUMBER: US 60/176,419
 16 <151> PRIOR FILING DATE: 2000-01-14
 18 <160> NUMBER OF SEQ ID NOS: 20
 20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 375
 24 <212> TYPE: DNA
 25 <213> ORGANISM: Mus musculus
 27 <400> SEQUENCE: 1
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 29 agggggcgccg gggcccaagc cgagggcgtt ggcgttggcc cggagccggaa gggcccccagt 120
 30 ctaggtccta atgcgggtgg cgtcttcattt gacagggggc gtttggggac aacaggggg 180
 31 acgagagata aggtgacata ccagagcaga tttggtggc ggcgtgatac ttcctcccg 240
 32 acaggaaacg cggagctatt taaaagaccc ttcgttattt tttatcttcc ctggaaagct 300
 33 tcttgcggag agacaaaaga tggcccttc ctaaagacac aaggccacac aacggagggt 360
 34 ctgcacagc gacgc 375
 36 <210> SEQ ID NO: 2
 37 <211> LENGTH: 51
 38 <212> TYPE: DNA
 39 <213> ORGANISM: Mus musculus
 41 <400> SEQUENCE: 2
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 44 <210> SEQ ID NO: 3
 45 <211> LENGTH: 1072
 46 <212> TYPE: DNA
 47 <213> ORGANISM: Homo sapiens
 49 <400> SEQUENCE: 3
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 51 agggggcgccg gggcccaagc cgagggcgtt ggcgttggcc cggagccggaa gggcccccagt 120
 52 ctaggtccta atgcgggtgg cgtcttcattt gacagggggc gtttggggac aacaggggg 180
 53 acgagagata aggtgacata ccagagcaga tttggtggc ggcgtgatac ttcctcccg 240
 54 acaggaaacg cggagctatt taaaagaccc ttcgttattt tttatcttcc ctggaaagct 300
 55 tcttgcggag agacaaaaga tggcccttc ctaaagacac aaggccacac aacggagggt 360
 56 ctgcacagc gacgcacaaat tggcgccggg qaaagcataa acacactqac gtttgggtt 420
 57 cacaacacgtt tgggttccca gaggacgtt aqagtqccqcc aqggacgtt gggccggcq 480
 58 gggcaccca cagtatggc ttctgttccca ttttttccca gtatqgegtt 540
 59 aaaacacacca cacacagaga aagtgactgt gcaattggg cccctgtgtt taccctgtt 600
 60 gttttagcga atttaaagca catcaggccg ggcgcataqg ctcacgcgtt taatcccaq 660
 61 acttttaggg ggcgggggg ggcqatcacc tgggttggg aqttgcacac caqccctggcc 720
 62 aacatggta aaccctgtctt cttttttttt tttttttttt tttttttttt 780

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/761,466

DATE: 07/10/2001

TIME: 17:36:08

Input Set : A:\Pto.amc

Output Set: N:\CRF3\07102001\I761466.raw

W--> 111 ttcttgcctt aagtagcatc tcccagagtc aggatccagg aatggtttgg cagggcaggat
112 gcaaggcagg tttcggttgtt qqcttqaqagt tttttttttttt ccaatctttttt ccaatctttttt
113 tttcccaactt ttatgtttttt qqqaaqtatcag tttttttttttt qaaatqaaatqaaat tttttttttttt
114 ggegatqactt qttttttttttt qqqaaqgggtt qttttttttttt qttttttttttt tttttttttttt

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/761,466

DATE: 07/16/2001

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Input Set : A:\Pto.amc

Output Set: N:\CRF3\07102001\I761466.raw

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/761,466

DATE: 07/10/2001

TIME: 17:36:08

Input Set : A:\Pto.amc

Output Set: N:\CRF3\07102001\I761466.raw

W--> 210 ttacatgttg atcttaaaaa ataaaaaacgg ntgaaann

212 <210> SEQ ID NO: 5

213 <211> LENGTH: 6951

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/761,466

DATE: 07/10/2001
TIME: 17:36:08

Input Set : A:\Pto.amc
Output Set: N:\CRF3\07102001\I761466.raw

214 <212> TYPE: DNA
 215 <213> ORGANISM: Homo sapiens
 217 <220> FEATURE:
 218 <221> NAME/KEY: misc_feature
 219 <222> LOCATION: (1)...(6751)
 220 <223> OTHER INFORMATION: n = A,T,C or G
 222 <400> SEQUENCE: 5

W--> 223 **caatttcttat tnagttcttat taaaaggat tttttttaa ctcactggna accaggagga** 60
 W--> 224 **ctgnaaagaa aagtgaaatg gctctggac tttcctctaa ggagaccagc atgggtcgcc** 120
 225 ccaattttta ttttgacgt atttgcgt ttttgcctca tctcctctct cctgaaacac 180
 226 caagacctt ttgaaqcca agagaaatca ttacccgatt cacaagagc atagagagtq 240
 227 taacagtac ttagttgtt caaataggga gagttttt tcttccctt tttgtaacac 300
 228 ctgacccaca ggactgacag ttcttaggaag ccccttacc cqaaaatagg aaataaatcc 360
 229 ttgccaccc tatttgcacgg ggcaatgcata attttttt tttctccagag ctctcaaaaa 420
 230 aaaaaaaaaaaa aaaaacctac taaaaacaqg qatcccgat qtaqctcga tttcccccatt 480
 231 taaacggtaa tatttcagcc gtcgcgtcac actaatctt caaactgtca tggcagccg 540
 232 cctggccagc agattcaattt aacagcgtcc ccagggccct cgttccqagc tctttcagc 600
 233 gagacattta attgaatcgg atgtggctcg tttggccqac qtcaccgcct cggcgataqg 660
 234 catcctctcc aacqacaccc ccccccgcgg gcqctcqaaa acaatcttca aaagqcaaqg 720
 W--> 235 **ggggcccccaca agtaggttaa ttacaacca taacggtaac gtggccaaa gncaggcgag** 780
 236 gaaggccgcg aaggccgtg acatgcaagc tccgtccaag aagaatttgg gttggaggtg 840
 W--> 237 **aagaggtggg gggacgaggt ttcntggcc ttgaacgccc cacatttaaa aaaggcatcc** 900
 238 tccacagact agactaaca ttccagaccc ccagtagtcc ctggctcaga aactcgagc 960
 239 gtgatttccg cgtggcagcc caggcctgtt actgacggct ggcgcctaga agccgggtc 1020
 240 agggcgttgc ggcgcctctg ggctgcctcg cggggctcact ctctctccccc agcatggagg 1080
 241 ccccagggtcc tgggagtgtg gctttatgtt gggacaggaa aagtcggccaa atcaggccaa 1140
 242 tgcatttgcattt cacttgcgtc ggcgtctcaq acggcacact gtcgggtttq agcaccggcaq 1200
 243 atgtacgttc tggacagaca ctattttgtc cccatatacq gacgttttcc tccgcaccc 1260
 244 gggcgcgcct gcccggactg tgcattttq tagttttq ccttgcgcgcg ctttatttct 1320
 245 actccaageg ctcttgcacca aacccgcact ccgcggccact ccaagccctc cacatcccc 1380
 246 ttctcagccaa gtccacgcgt cccgcggccact ttccgcggcc cgggtccctg taccagctq 1440
 247 gcccgtgaga agccaaacgtt ttccactga caaatctctgt catccccagc tctagaaggc 1500
 248 gtccttaacc tggggccgtt ctgcgtccccc ggactctga attgtaaagca aaataaaaact 1560
 249 cctctctgtca gtgttctggg gaatggagaa gaccccaagc tttcatcaga ccctcccc 1620
 250 gagtgccggg acccagagaa atgaggccac ccgggcggg tctggccatg tagctggcgc 1680
 251 tctgtaaact ctggcagatt tgcatttgcattt ctgtgcctca ctctactgac cctgggtctaa 1740
 252 aaatgtatcat gatcaccctt cttgcgtccccc cttttttttt cgcgcctgac cggccgcag 1800
 253 gggtgcggca ctggaaatcc ggcggccagg ccttcggccaa atcctggccct agctgggtcc 1860
 254 agaggagccc cgcgcctgtt agagctaaac ctggcgttq accctgaaac ctgcgggttq 1920
 255 gcagaaggctt gaggccctt ctgcgtccccc ggaaaggccac gggaaaggagg gaaatggqat 1980
 256 cgtggccctc caaaacagggg aaacaagggtt gctgttagct gggcactcc acaayacagg 2040
 W--> 257 **tgtntcctgg gaagctgagc ttaccagctg ggatccctga tttatccat tattaagggg** 2100
 258 agaggcattt cccctggag ggtactggca gtgactgtatg cccctggag ttgtgtgtq 2160
 259 cataacacta ctgttggagg cagcaactcc tacccttccat qgcgcctgac caccttgcgg 2220
 260 ttactttctgt tgcatttgcattt agaaggccaccc agacccgtgg cgtatgttgc cccctgttagcc 2280
 261 caagccaaac caaaacccctt aattgtccat aatttgcgttcc tgggtgttcc tccaaagccc 2340
 W--> 262 **agccctgtct ttnagggttt tttccttattt gagatccatcc ctcatcccac cacctttagt** 2400
 263 aataaaaggctt tccatcaaactt aatttgcgttcc ccacccgttcc ccaccccttcc tttttttttt 2460
 264 cccatgtgg tttgggtgtt gaggatatt ttttcaaaaccc cccacccatcc cccatgtgg 2520

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/761,466

DATE: 07/16/2001
TIME: 17:46:09

Input Set : A:\Pto.amc
Output Set: N:\CRF3\07102001\I761466.raw

L:111 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:210 M:341 W: (46) "l" or "Xaa" used, for SEQ ID#:4
L:223 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:235 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:237 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:257 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:262 M:341 W: (46) "l" or "Xaa" used, for SEQ ID#:5
L:265 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:267 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:286 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:287 M:341 W: (46) "l" or "Xaa" used, for SEQ ID#:5
L:288 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:329 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:330 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:331 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:332 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:333 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:334 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/761,466

DATE: 06/21/2001
TIME: 16:24:24

Input Set : A:\PTO.txt
Output Set: N:\CRF3\06212001\I761466.raw

Corrected
Sequence

4 <110> APPLICANT: Lee, Ike W.
5 Izumo, Seigo
7 <120> TITLE OF INVENTION: Cardiac-Cell Specific Enhancer Elements
8 and Uses Thereof
10 <130> FILE REFERENCE: 01948/069002
12 <140> CURRENT APPLICATION NUMBER: US 09/761,466
13 <141> CURRENT FILING DATE: 2001-01-16
15 <150> PRIOR APPLICATION NUMBER: US 60/176,419
16 <151> PRIOR FILING DATE: 2000-01-14
18 <160> NUMBER OF SEQ ID NOS: 20
20 <170> SOFTWARE: FastSEQ for Windows Version 4.0

ERRORED SEQUENCES

22 <210> SEQ ID NO: 1
23 <211> LENGTH: 375
24 <212> TYPE: DNA
25 <213> ORGANISM: Mus musculus
27 <400> SEQUENCE: 1
28 ~~aggccccccg caccctcata ctggctcccg ccccttctct ccaccctccc ggaccctaa~~ *line 60*
29 ~~60aggggccggcg gggcccaagc cgagggcgct gcgcctgacc ccgagggaa gggcccccagt~~ *line 120*
30 ~~120ctaggtccta atgcgggtgg cgtctccttt gacaggcggc gtttggggac aacagcgggg~~
31 180acgagagata aggtgacata ccagagcaga tttggtgcgc ggcgtgatac tcctctcccg
32 240acagggaaacg cggagctatt taaaagaccc tatcgattac tttatcttgc tggaaagct
33 300tcttgcggag agacaaaaga tggccctgc ctaaagacac aaggccacac aacggagggt
34 360ctgcacagggc gacgc 375
44 <210> SEQ ID NO: 3
45 <211> LENGTH: 1072
46 <212> TYPE: DNA
47 <213> ORGANISM: Homo sapiens
49 <400> SEQUENCE: 3
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51 60aggggccggcg gggcccaagc cgagggcgct gcgcctgacc ccgagggaa gggcccccagt
52 120ctaggtccta atgcgggtgg cgtctccttt gacaggcggc gtttggggac aacagcgggg
53 180acgagagata aggtgacata ccagagcaga tttggtgcgc ggcgtgatac tcctctcccg
54 240acagggaaacg cggagctatt taaaagaccc tatcgattac tttatcttgc tggaaagct
55 300tcttgcggag agacaaaaga tggccctgc ctaaagacac aaggccacac aacggagggt
56 360ctgcacagggc gacgcacaat tcggcgggg gaaagcaaaa acacactgac gcttagatgt
57 420cacaaacgtg tgggttccca gagcagctcc agagtgcggc agggacgtg gggccggcga
58 480ggggcaccca cagtatggtc ttctgtgcgg tggaaagtt tttttcacc gtatgcgcgt
59 540aaaacacgca cacacagaga aagtgtactgt gcaacttaggg cgcctgtgtg taccctgtgc
60 600gttttagcga atttaagca catcaggccg ggcgcctgg ctcacgcctg taatccacgc
61 660actttaggag gccgaggccg gccgatcacc tgaggtcggt agttcgacac cagcctggcc
62 720aacatgttga aaccctgtct ctacaaaaaa tacaaaaatt agccggcat ggtgtatgcgt
63 780gcctgtgatc ccagctactc gggaggctga ggcaggagaa tcgcttgaac ccgggaggcg
64 840gaggttgcag tgagccgaga tcacaccact gcaactccagc ctggccgaca agagcgaaat

Name 60 120
Name 240

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/761,466

DATE: 06/21/2001
TIME: 16:24:24

Input Set : A:\PTO.txt
Output Set: N:\CRF3\06212001\I761466.raw

W--> 65 900tccgtctaaa aaaataaaaat aaaataaaaat gataattaag cccatcaact cacattcaaa
W--> 66 960gcggtaactg gtggttgtaa tgtatccata gacacaggtaaaaatgtaa acgctccatt
E--> 67 1020gtgctccctt taaggcctt aatgtctgca actgtcatgt gtacacttaa ag 1072
337 <210> SEQ ID NO: 6
338 <211> LENGTH: 478
339 <212> TYPE: DNA
340 <213> ORGANISM: Homo sapiens
342 <400> SEQUENCE: 6
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W--> 344 60caaataggga gagttttttt tccttcctt tttgtaacac ctgaccacaca ggactgacag
W--> 345 120ttcttaggaag ccccccttacc cgaaaaatagg aaataaaatcc ttgccacccctt gatttgcaag
W--> 346 180ggcaatgcta atttttttctt ttctccagag ctctcaaaaa aaaaaaaaaaaa aaaacccctac
W--> 347 240taaaaacagg gatccggat gtagcctcga tgcctccat taaacggtaa tatttcaggc
W--> 348 300gtccgctcac actaatctt caaaactgtca tcgcgagccg cctggccagc agattcactt
W--> 349 360aacagcgctc ccaggaccct cgttccgagc tctttcagc gagacattta attgaatcgg
E--> 350 420atgtggctcg tttgccagac gtcaccgcct cggcgatagg catcctctcc aacgacac 478

Done

VERIFICATION SUMMARY
PATIENT APPLICATION: US/09/761,466

DATE: 06/21/2001
TIME: 16:24:26

Input Set : A:\PTO.txt
Output Set: N:\CRF3\06212001\I761466.raw

L:28 M:254 E: No. of Bases conflict. LENGTH:Input:0 Counted:60 SEQ:1
L:29 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:6
L:30 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:30 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:6
L:31 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:31 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:6
L:32 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:32 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:6
L:33 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:33 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:6
L:34 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
M:254 Repeated in SeqNo=1
L:34 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:3
L:34 M:252 E: No. of Seq. differs, <211>LENGTH:Input:375 Found:75 SEQ:1
L:50 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:60 SEQ:3
L:51 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:6
L:52 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:3
L:52 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:6
L:53 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:3
L:53 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:6
L:54 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:3
L:54 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:6
L:55 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:3
L:55 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:6
L:56 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:3
L:56 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:6
L:57 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:3
L:57 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:6
L:58 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:3
L:58 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:6
L:59 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:3
L:59 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:6
L:60 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:3
L:60 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:6
L:61 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:3
L:61 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:6
L:62 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:3
L:62 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:6
L:63 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:3
L:63 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:6
L:64 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:3
L:64 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:6
L:65 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:3
L:65 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:6
L:66 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:3
L:66 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:6
L:67 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:3
M:254 Repeated in SeqNo=3

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/761,466

DATE: 06/21/2001
TIME: 16:24:26

Input Set: A:\PTO.txt
Output Set: N:\CRF3\06212001\I761466.raw

L:67 M:320 E: (1) Wrong Nucleic Acid Designator. NUMBER OF INVALID KEYS:4
L:67 M:252 E: No. of Seq. differs, <211>LENGTH:Input:1072 Found:112 SEQ:3
L:111 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:210 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:223 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:235 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:237 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:257 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:262 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:265 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:267 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:286 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:287 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:288 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:329 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:330 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:331 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:332 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:333 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:334 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:343 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:60 SEQ:6
L:344 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:6
L:345 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:345 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:6
L:346 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:346 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:6
L:347 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:347 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:6
L:348 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:348 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:6
L:349 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
L:349 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:6
L:350 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6
M:254 Repeated in SeqNo=6
L:350 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:3
L:350 M:252 E: No. of Seq. differs, <211>LENGTH:Input:478 Found:118 SEQ:6